

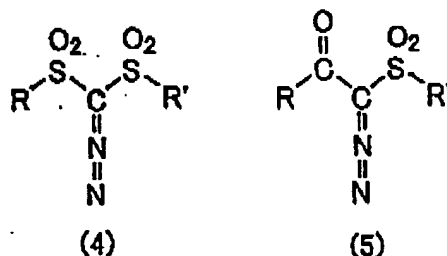
Appl. No.: 10/706,863

Amdt. dated 02/20/2006

Reply to Office action of October 20, 2005

Amendments to the Claims:

1. (Currently Amended) A composition for forming porous film comprising:
 an acid or base generator for generating acid or base by its thermal decomposition,
wherein said acid or base generator is a diazo compound represented by Formula (4) or (5):



wherein R and R' each independently represents an alkyl group, an aromatic group, an aralkyl group or a fluoroalkyl group and R and R' may be same or different, and

a polymer which is obtainable by hydrolyzing and condensing one or more silane compounds represented by Formula (1) :



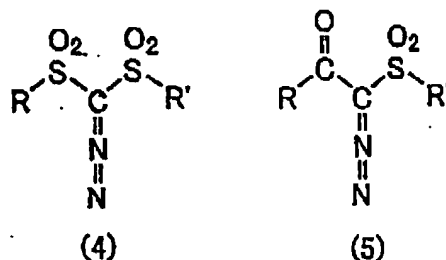
wherein R¹ represents a straight chain or branched monovalent hydrocarbon having 6 to 20 carbons which may be substituted or unsubstituted and when there are R¹'s, the R¹'s each may be independently same or different; R² represents a hydrolysable group and when there are R²'s, the R²'s each may be independently same or different; and a is an integer of 1 to 3.

Appl. No.: 10/706,863

Amdt. dated 02/20/2006

Reply to Office action of October 20, 2005

2. (Currently Amended) A composition for forming porous film comprising:
 an acid or base generator for generating acid or base by its thermal decomposition,
wherein said acid or base generator is a diazo compound represented by Formula (4) or (5):



wherein R and R' each independently represents an alkyl group, an aromatic group, an aralkyl group or a fluoroalkyl group and R and R' may be same or different, and

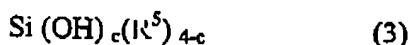
a polymer which is obtainable by hydrolyzing and co-condensing one or more silane compounds represented by Formula (1) and one more silane compounds represented by Formula (2), Formulas (1) and (2) being:



wherein R^1 represents a straight chain or branched monovalent hydrocarbon having 6 to 20 carbons which may be substituted or unsubstituted and when there are R^1 's, the R^1 's each may be independently same or different; R^2 represents a hydrolysable group and when there are R^2 's, the R^2 's each may be independently same or different; and a is an integer of 1 to 3; R^3 represents a straight chain or branched monovalent hydrocarbon having 1 to 5 carbons which may be substituted or unsubstituted and when there are R^3 's, the R^3 's each may be independently same or different; R^4 represents a hydrolysable group and when there are R^4 's, the R^4 's each may be independently same or different; and b is an integer of 0 to 3.

Appl. No.: 10/706,863
 Amdt. dated 02/20/2006
 Reply to Office action of October 20, 2005

3. (Original) The composition for forming porous film according to Claim 2 wherein said polymer is a silanol group-containing hydrolysate having number-average molecular weight of 100 or more, and in said polymer 30 to 80 mol% of structural units derived from said silane compound represented by Formula (2) is represented by Formula (3):



wherein R^5 represents a siloxane residue or R^3 , and c is an integer of 1 or 2.

4. (Currently Amended) The composition for forming porous film according to Claim 1 wherein decomposition temperature of said acid or base generator is lower than the decomposition temperature of ~~R^1~~ R^1 of said polymer.

5. (Currently Amended) The composition for forming porous film according to Claim 4 wherein said acid or base generator has a decomposition temperature of 250°C or less.

Claims 6-19 (Canceled)

20. (New) A composition for forming porous film comprising:
 an acid or base generator for generating acid or base by its thermal decomposition and
 a polymer which is obtainable by hydrolyzing and co-condensing one or more silane compounds represented by Formula (1) and one more silane compounds represented by Formula (2), Formulas (1) and (2) being:

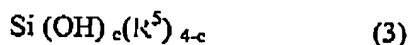


wherein R^1 represents a straight chain or branched monovalent hydrocarbon having 6 to 20 carbons which may be substituted or unsubstituted and when there are R^1 's, the R^1 's each may be independently same or different; R^2 represents a hydrolysable group and when there are R^2 's, the R^2 's each may be independently same or different; and a is an integer of 1 to 3; R^3 represents a straight chain or branched monovalent hydrocarbon having 1 to 5 carbons which may be substituted or unsubstituted and when there are R^3 's, the R^3 's each may be independently same or

Appl. No.: 10/706,863
Amdt. dated 02/20/2006
Reply to Office action of October 20, 2005

different; R^4 represents a hydrolysable group and when there are R^4 s, the R^4 s each may be independently same or different; and b is an integer of 0 to 3; and

wherein said polymer is a silanol group-containing hydrolysate having number-average molecular weight of 100 or more, and in said polymer 30 to 80 mol% of structural units derived from said silane compound represented by Formula (2) is represented by Formula (3):



wherein R^5 represents a siloxane residue or R^3 , and c is an integer of 1 or 2.

21. (New) The composition for forming porous film according to Claim 20, wherein the decomposition temperature of said acid or base generator is lower than the decomposition temperature of R^1 of said polymer.

22. (New) The composition for forming porous film according to Claim 21, wherein said acid or base generator has a decomposition temperature of 250° C.